

WHAT IS CLAIMED IS:

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1. An electronic surface mount package comprising:
a one piece construction package having end walls, a side wall and an open bottom,
a plurality of toroid transformers carried within said package by a soft silicone material,
said toroid transformers each having wires wrapped thereon;

a plurality of terminal pins molded within and extending from the bottom of said
package, each of said pins extending through a bottom portion of said side wall and having a
notched post upon which said wires from said transformers are wrapped and soldered thereon,
respectively;

said end walls having a first height H1 to form a standoff or safe guard between the foot
seating plane of said package and said terminal pins;

the outer portion of said side wall extending between said end walls and having a second
height H2 which is less than said first height H1.

2. An electronic surface mount package
comprising:

a construction package having end walls, a side wall and an open bottom,
a plurality of toroid transformers carried within said package by a soft silicone material,
said toroid transformers each having wires wrapped thereon,

a plurality of terminal pins molded within and extending from the bottom of said
package, each of said pins extending through a bottom portion of said wall and having a notched
post upon which said wires from said transformers are wrapped and soldered thereon,
respectively.

said end walls having a first height H1 to form a standoff or safe guard between the foot

seating plane of said package and said terminal pins;

the outer portion of said side wall extending between said end walls and having a second height H2 which is less than said first height H1.

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3. A package as in Claim 2 wherein said construction package is one piece.

4. The package of Claim 3 wherein said ¹¹²posts are separated from one another so as to avoid arcing.

5. An electronic surface mount package for mounting on a printed circuit board in an electronic device, said electronic surface mount package comprising:
a one piece construction package having end walls, a side wall and an open bottom,
a plurality of toroid transformers carried within said package by a soft silicone material, said toroid transformers each having wires wrapped thereon,
a plurality of terminal pins molded within and extending from the bottom of said package, each of said pins extending through a bottom portion of said side wall and having a notched post upon which said wires from said transformers are wrapped and soldered thereon, respectively,

said end walls having a first height H1 to form a standoff or safe guard between the foot seating plane of said package and said terminal pins;

the outer portion of said side wall extending between said end walls and having a second height H2 which is less than said first height H1.

6. The package as in Claim 5 further including a standoff for maintaining a distance between the bottom of said pins and said printed circuit board.

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7. An electronic surface mount package comprising:
a construction package having end walls, a side wall and an open bottom,
at least one toroid transformer carried within said package by a soft silicone material, said
toroid transformer having a wire wrapped thereon,
at least one terminal pin molded within and extending from the bottom of said package,
said pin extending through a bottom portion of said side wall and having a notched post upon
which said wire from said transformer is wrapped and soldered thereon,
said end walls having a first height H1 to form a standoff or safe guard between the foot
seating plane of said package and said terminal pins;
the outer portion of said side wall extending between said end walls and having a second
height H2 which is less than said first height H1.

8. An electronic surface mount package for mounting on a printed circuit board in an
electronic device, said package comprising:
a one piece open construction package having end walls, side walls and an open bottom,
a plurality of toroid transformers carried within said package, said toroid transformers
each having a side wall and wires wound thereon,
a plurality of terminal pins molded within and extending through a bottom of said side
wall, each of said pins having a hour-glass shaped notched post upon which said wires from said
transformers are wrapped thereon, respectively,

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said end walls having a first height H1 to form a standoff or safe guard between the foot seating plane of said package and said terminal pins;

the outer portion of said side wall extending between said end walls and having a second height H2 which is less than said first height H1.

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